

TRANSFER GUIDE

AAS Elect/Electronic Automated Systems Tech transferring into BS Electrical Engineering Tech

Joliet Junior College Courses			
AAS Electrical/Electronic Automated Systems Technology – 64 hours			
COMM 101-3	Principles of Speech Communication	EEAS 113-4	Industrial Controls II
ENG 101-3	Rhetoric	EEAS 115-4	Electrical/Electronics Troubleshooting
MATH 142-5	Accelerated Trigonometry/Pre-Calc	EEAS 215-4	Process Control & Instrumentation
MATH 170-5	Calculus w/ Analytic Geometry I	EEAS 221-4	Industrial Circuits - Basic PLCs
BIOL 144-3	Introduction to Human Heredity	EEAS 223-4	Industrial Circuits - Advanced PLCs
Elective-3	Social/Behavioral Science	EEAS 225-4	Automated Systems
Elective-3	Humanities/Fine Arts	EEAS 240-4	Motors and Drives
EEAS 101-4	Basic Wiring and Circuit Design	ENG 130-3 or	Tech Writing & Communication or
EEAS 111-4	Industrial Controls I	ENG 230-3	Adv Tech Writing & Communication
Southern Illinois University Carbondale Courses			
BS Electrical Engineering Technology – 68 hours			
Elective-3	Social Science	EET 332B-4	AC Electric Machines/Power Systems
Elective-3	Fine Arts	EET 403A-4	Electronic Circuit Analysis
Elective-3	Multicultural	EET 403B-4	Electronics Application & Design
MATH 282-3	Introduction to Statistics	EET 437A-4	Telecomm Systems Fundamentals
PHYS 203/253B-4	College Physics/Lab	EET 437B-4	Data & Computer Communication
ENGR 222-2	Comp Methods for Engineers & Tech	EET 438A-4	Automatic Control Systems Tech
EET 238-4	Digital System Fundamentals	EET 438B-4	Seq Digital Control/Data Acquisition
EET 304A-4	AC/DC Circuit Theory and Application	EET 439-4	MCU Application & Design
EET 304B-4	Network Theory and Application	EET 495A-1	EET Senior Design I
EET 332A-4	DC Motors, Gen & Energy Conversion	EET 495B-1	EET Senior Design II
Total Hours to Bachelor Degree: 132			

Questions? Contact Us!

Salary Range: \$55,000-\$75,000

Possible Careers: Electronics Design Engineer
Field Service Engineer
Hardware Engineer
Senior Engineering Technician
Test Engineer

Joliet Junior College

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Southern Illinois University Carbondale

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Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC). The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).